SLR Systems

SLRNK/SLRNK+ SUPER LINKERS

HIGH PERFORMANCE SOFTWARE

SLR Systems offers the two fastest and most comprehensive linkers available for Z80-based development systems. SLRNK links Microsoft format assembler files 7 times faster than L80 in RAM-disk environments. SLRNK+, besides being very fast, will link a full 64k output file, regardless of TPA size or symbol table size.

If you would like to link your Q/C, Eco C, Aztec C, or assembler files six times faster than you currently can, SLRNK from SLR Systems is the answer.

Having trouble linking files at other than 100H? SLRNK can link files at 0H or 0F000H with no problem!

Tired of getting 'OUT OF MEMORY' errors when linking large projects? SLRNK+ uses your disk if it runs out of RAM, allowing it to generate full 64k output files, big symbol tables, and big cross-reference tables. You are limited by disk size, not TPA size.

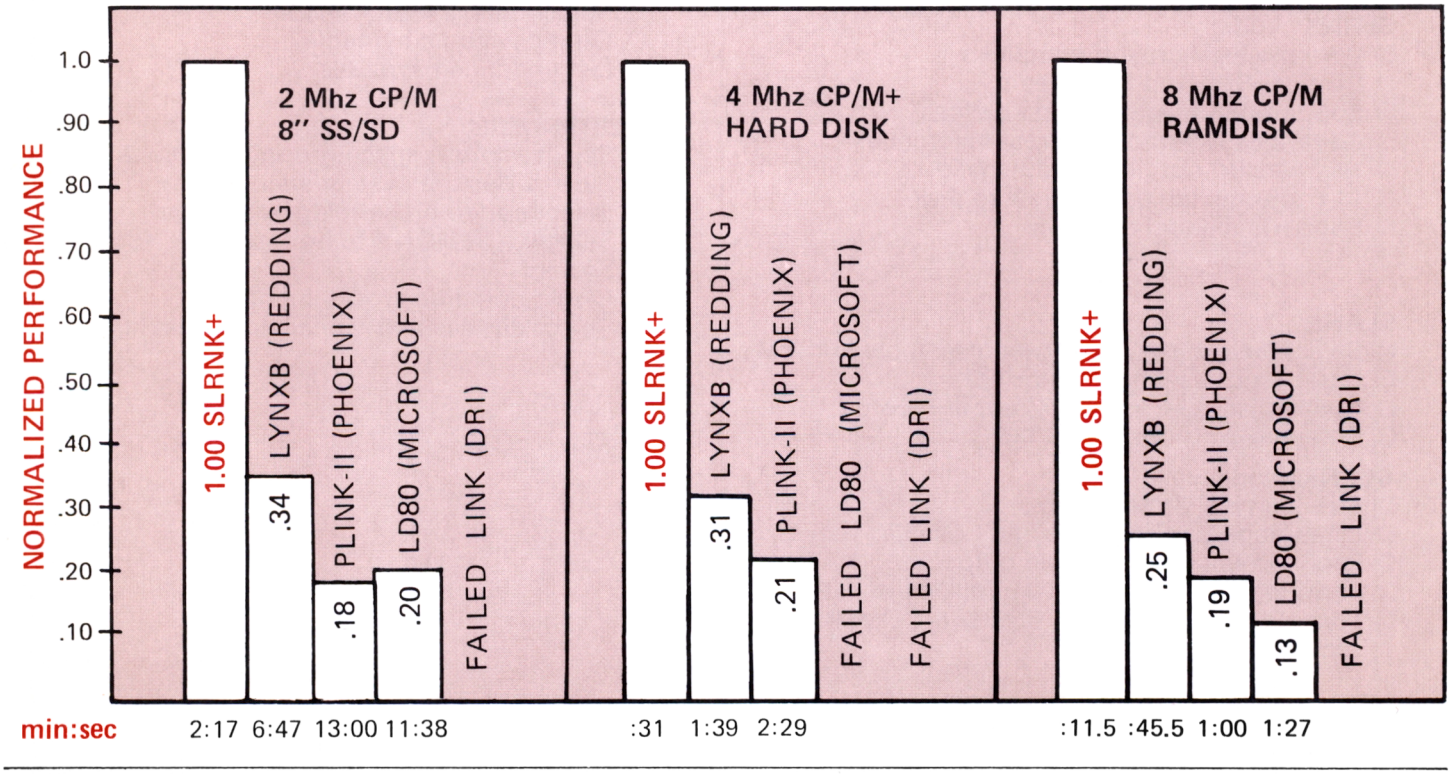
Have you ever struggled to find all of the modules that referenced a particular global symbol? SLRNK+ quickly generates a cross-reference table telling where each global symbol was defined, and all the modules that referenced it.

If you have ever tried to link a loadable patch to your operating system, you will appreciate the fact that SLRNK+ keeps track of every byte that is loaded, and will not fill unused space when generating a HEX file.

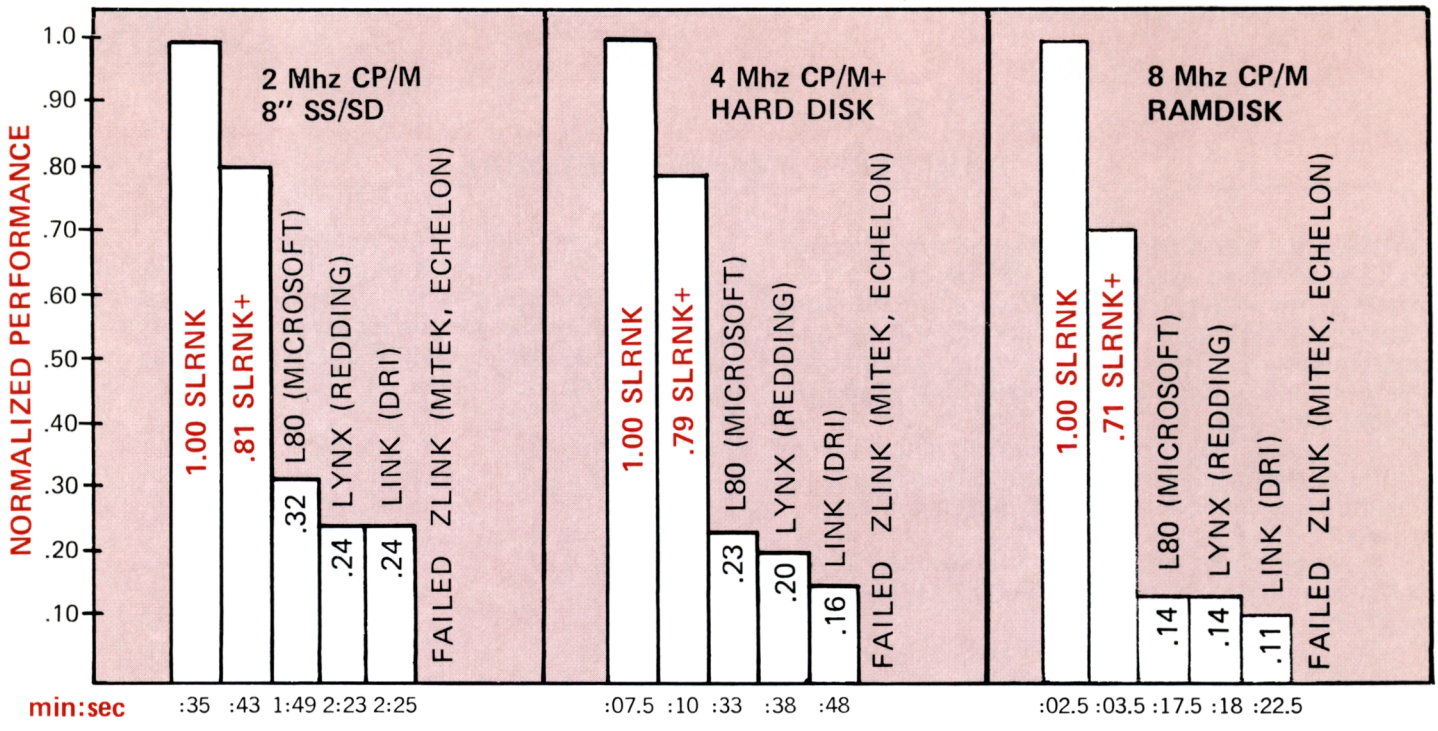
If you think that linking Microsoft format files has to be a slow process, probably you have used one of our competitors' products. We linked the programs READFILE (small C program) and RBBS37 (big BASIC program) using several linkers on three different computers.

LINK RBBS37, CREATING A 45K COM FILE.

DRI'S LINK, DISK BASED, STILL RAN OUT OF MEMORY. LD80 FAILED UNDER CP/M 3.0



LINK READFILE CREATING A 12K COM FILE. (ZLINK ABORTED ON THE LIBRARY REQUEST).



TECHNICAL SPECIFICATIONS

SLRNK

- ☐ Links SLR and Microsoft format files
- ☐ Outputs COM or HEX files
- ☐ Supports 3 Logical address spaces
- ☐ Symbol table sorted and ZSID compatible
- ☐ Generates detailed load map
- ☐ Supports nested indirect command files

SLRNK+ adds:

- ☐ Works with Microsoft compilers
- ☐ Outputs SPR and PRL files
- ☐ Supports 8 Logical address spaces
- ☐ Generates intermodule cross-reference
- ☐ Hex files do not fill unused space
- ☐ ALL internal tables overflow to disk
- ☐ Supports manual overlays

CONFIGURE OPTIONS

SLRNK

- ☐ Select tabs or spaces between symbols in .SYM
- ☐ Use/Do not use multisector I/O
- ☐ Number of bytes per HEX output record
- ☐ Default extensions for all files

SLRNK+ adds:

- ☐ Size limit on .SYM symbols
- ☐ Lines/Page on list device and console
- ☐ Page/Do not page console output
- ☐ Form feeds at beginning and/or end of listings
- ☐ Loading order of CSEG, DSEG, & COMMON segments

COMMAND LINE OPTIONS

SLRNK

- ☐ Select/Modify loading address for any address space
- ☐ Select output type
- ☐ Force undefined globals to zero
- ☐ Select indirect command file
- ☐ Select symbol table output
- ☐ Select library search mode
- ☐ Origin symbols by name
- ☐ List undefined symbols

SLRNK+ adds:

- ☐ Select address space grouping options
- ☐ Save & Restore system state to disk
- ☐ Select sorted cross-reference output
- ☐ Select COMMON's to be treated as address spaces
- ☐ Origin common blocks by name
- ☐ Select devices and filenames for listing outputs

SLR Systems

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